

Date:	Approved:
Type:	
Fixture:	
Project:	

LED Outdoor Security Luminaires LS-OSEC

STANDARD



The LS-OSEC series is an economical group of outdoor security luminaires. Models are available with either one, two or three heads, and with either built-in photocells or combination motion sensors and photocells. With a high-strength, cast aluminum housing and a high-quality, UV-resistant glass diffuser, the LS-OSEC is a versatile and durable outdoor luminaire. High-efficacy, long-life LEDs provide both energy and maintenance cost savings compared to traditional outdoor security luminaires.

FEATURES

- Available in 4000k (neutral white) and 5000k (cool white) color temperatures.*
- Long-life LEDs provide 53,000 hours of operation with at least 70% of initial lumen output (L₇₀).**
- Models with one head provide 1,064 to 1,069 lumens and 89 lumens per watt (LPW).*
- Models with two heads provide 2,041 to 2,089 lumens and 82 to 84 LPW.*
- Models with three heads provide 3,105 to 3,135 lumens and 86 to 87 LPW.*
- Operates on 120 AC voltage (60Hz).
- Power factor > 0.90.
- Color rendering index > 80.
- Die cast aluminum housing with durable, powder coat paint.
- Glass lens is sealed and gasketed to prevent leaks.
- Easy installation in new construction or retrofit.

* Contact factory for other color temperatures and lumen packages.
** L₇₀ hours are IES TM-21-11 calculated hours.

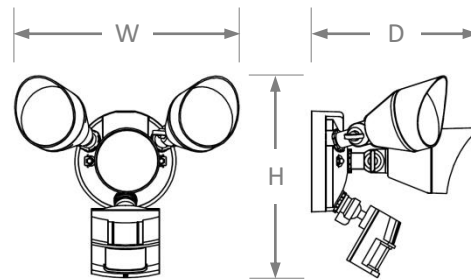


Model
LS-OSEC-3-PCMS-BRZ
(3 heads, motion sensor & photocell, bronze finish)

WARRANTY & LISTINGS

- cETLus listed for wet locations in ambient temperatures from -10°C to 40°C (14°F to 104°F).
- Energy Star approved.
- Complies with RoHS (Restriction on Hazardous Substances) requirements.
- Complies with FCC Part 15, class B.
- Protected against input line transients (2.5kV).
- 5-year warranty on all electronics and housing.

DIMENSIONS



Photocell Only			Photocell & Motion Sensor		
1-Head	2-Heads	3-Heads	1-Head	2-Heads	3-Heads
5"W	11"W	11"W	5"W	11"W	11"W
5½"H	6¾"H	6¾"H	10"H	10"H	10"H
8¼"D	6¾"D	8¼"D	8¼"D	6¾"D	8¼"D

WEIGHT (LBS.)

Photocell Only			Photocell & Motion Sensor		
1-Head	2-Heads	3-Heads	1-Head	2-Heads	3-Heads
1.4	1.8	2.6	1.8	2.0	2.8

ORDERING INFORMATION

Example: LS-OSEC-1-PC-BRZ-4K (1-head, photocell only, dark bronze, 4000k)

Model	# Heads	Sensor	Housing Color	Color Temperature
LS-OSEC	1 = 1 head 2 = 2 heads 3 = 3 heads	PC = Photocell only PCMS = Photocell & motion sensor	BRZ = Dark bronze WHT = White	4K = 4000k 5K = 5000k

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Model	Color Temperature	CRI ¹	Luminaire Lumens	Luminaire Watts	Lumens Per Watt	Input Voltage ²	Input Current (A)			Power Factor	L ₇₀ Hours ³
							120V	240V	277V		
LS-OSEC-1-PC	4000k / 5000k	> 80	1,069	12	89	120-277	0.10	0.05	0.04	> 90%	53,000
LS-OSEC-1-PCMS	4000k / 5000k	> 80	1,064	12	89	120-277	0.10	0.05	0.04	> 90%	53,000
LS-OSEC-2-PC	4000k / 5000k	> 80	2,089	25	84	120-277	0.21	0.10	0.09	> 90%	53,000
LS-OSEC-2-PCMS	4000k / 5000k	> 80	2,041	25	82	120-277	0.21	0.10	0.09	> 90%	53,000
LS-OSEC-3-PC	4000k / 5000k	> 80	3,105	36	86	120-277	0.30	0.15	0.13	> 90%	53,000
LS-OSEC-3-PCMS	4000k / 5000k	> 80	3,135	36	87	120-277	0.30	0.15	0.13	> 90%	53,000

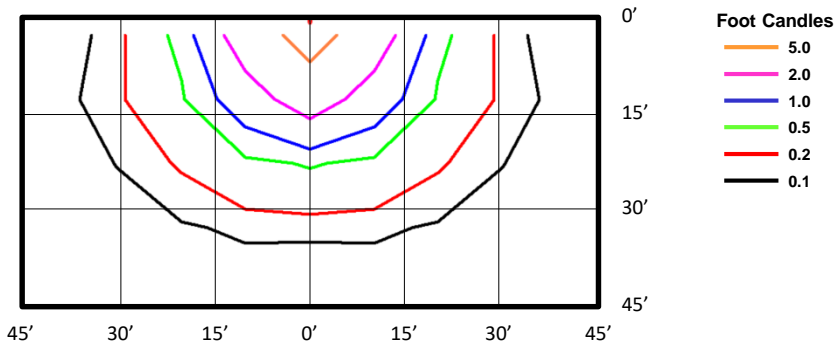
¹ Color rendering index.

² All 50-60Hz.

³ L₇₀ refers to the number of hours at which lumen output declines to 70% of the initial level. L₇₀ hours are IES TM-21-11 calculated hours.

PHOTOMETRIC DATA

LS-OSEC-3-PCMS (3,135 Lumens)



Notes:

- Isofootcandle plots depict initial footcandles at grade.
- Gridlines represent units of mounting height of 15 feet.